

Abstract

The present invention provides pigment-comprising aqueous
5 formulations which comprise

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- 10 i) at least one copolymer P of ethylenically unsaturated mono-
mers M in the form of an aqueous polymer dispersion which
comprises from 0.1 to 1.5% by weight, based on the overall
weight of the copolymer P, of itaconic acid as acidic monomer
M1, its salts and/or its anhydride in copolymerized form, it
15 being possible for up to 50% by weight of the itaconic acid
to be replaced by another monomer having at least one acid
group or one neutralized acid group, and has a glass transi-
tion temperature T_g in the range from -10 to +50°C,
- ii) at least one inorganic pigment,
- iii) if desired, inorganic fillers/extenders, and
- 20 iv) customary auxiliaries.

The present invention also provides for the use of the copolymers
P comprising itaconic acid for improving the wet abrasion
25 resistance of polymer-bound pigmented coating compositions.

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